

## CLAIMS:

1. A computer program product comprising:  
a first computer code configured to receive data output from a printer driver;  
a second computer code having instructions corresponding to a print operation and  
5 configured to filter the received data in accordance with the instructions; and  
a third computer code configured to output the filtered data to a printer.

2. The computer program product according to Claim 1, wherein the instructions  
instruct the printer to print a selected item on transparencies and to interleave the  
transparencies with paper.

10 3. The computer program product according to Claim 2, wherein the instructions  
instruct the printer to print the selected item on both the transparencies and the interleaved  
paper.

15 4. The computer program product according to Claim 1, wherein the instructions  
instruct the printer to print book pages having page numbers on both sides thereof.

5. The computer program product according to Claim 1, wherein the instructions  
instruct the printer to print a plurality of documents on at least a first side of a page.

6. The computer program product according to Claim 1, wherein the instructions  
instruct the printer to print at least one of 1) a date and 2) a time on a page.

20 7. The computer program product according to Claim 1, further comprising:  
an accessory file including a list of text to be masked on a printed document,  
wherein the instructions instruct the printer to mask the list of text on the printed  
document.

8. The computer program product according to Claim 1, wherein the instructions

instruct the printer to select pages from a plurality of paper trays.

9. The computer program product according to Claim 1, further comprising:  
a graphic user interface configured to assist a user in executing the computer program product.

5           10. The computer program product according to Claim 1, further comprising:  
an accessory file including at least one of 1) a title of the computer program product,  
2) a path name of a text editor, 3) a path name of a preview application, and 4) help text about  
the computer program product.

10           11. The computer program product according to Claim 1, wherein the computer  
program product is resident on the printer.

12. The computer program product according to Claim 1, wherein the computer  
program product is resident on a server which controls a plurality of computers networked to  
the printer.

15           13. The computer program product according to Claim 1, wherein the computer  
program product is downloaded from the Internet.

14. The computer program product according to Claim 1, wherein the computer  
program product is resident on a computer storage medium.

20           15. A method of printing comprising the steps of:  
receiving data output from a printer driver;  
filtering the received data in accordance with instructions of a computer program  
product; and  
outputting the filtered data to a printer.

16. The method according to Claim 15, wherein the filtering step instructs the printer

to print a selected item on transparencies and to interleave the transparencies with paper.

17. The method according to Claim 16, wherein the filtering step instructs the printer to print the selected item on both the transparencies and the interleaved paper.

5 18. The method according to Claim 15, wherein the filtering step instructs the printer to print book pages having page numbers on both sides thereof.

19. The method according to Claim 15, wherein the filtering step instructs the printer to print a plurality of documents on at least a first side of a page.

20. The method according to Claim 15, wherein the filtering step instructs the printer to print at least one of 1) a date, and 2) a time on a page.

10 21. The method according to Claim 15, further comprising the step of:  
providing a list of text to be masked on a printed document,  
wherein the filtering step instructs the printer to mask the list of text on the printed document.

15 22. The method according to Claim 15, wherein the filtering step instructs the printer to select pages from a plurality of paper trays.

23. The method according to Claim 15, further comprising the step of:  
executing the computer program product via a graphic user interface.

20 24. The method according to Claim 15, further comprising the step of:  
providing an accessory file including at least one of 1) a title of the computer program product, 2) a path name of a text editor, 3) a path name of a preview application, and 4) help text about the computer program product.

25. The method according to Claim 15, further comprising the step of:

storing the computer program product on the printer.

26. The method according to Claim 15, further comprising the step of:  
storing the computer program product on a server which controls a plurality of  
computers networked to the printer.

5           27. The method according to Claim 15, further comprising the step of:  
downloading the computer program product from the Internet.

28. The method according to Claim 15, further comprising the step of:  
storing the computer program product on a computer storage medium.

10           29. A printing system comprising:  
means for receiving data output from a printer driver;  
means for filtering the received data in accordance with instructions of a computer  
program product; and  
means for outputting the filtered data to a printer.

15           30. The system according to Claim 29, wherein the filtering means instructs the  
printer to print a selected item on transparencies and to interleave the transparencies with  
paper.

31. The system according to Claim 30, wherein the filtering means instructs the  
printer to print the selected item on both the transparencies and the interleaved paper.

20           32. The system according to Claim 29, wherein the filtering means instructs the  
printer to print book pages having page numbers on both sides thereof.

33. The system according to Claim 29, wherein the filtering means instructs the  
printer to print a plurality of documents on at least a first side of a page.

34. The system according to Claim 29, wherein the filtering means instructs the printer to print at least one of 1) a date, and 2) a time on a page.

35. The system according to Claim 29, further comprising:  
means for providing a list of text to be masked on a printed document,  
5 wherein the filtering means instructs the printer to mask the list of text on the printed document.

36. The system according to Claim 29, wherein the filtering means instructs the printer to select pages from a plurality of paper trays.

37. The system according to Claim 29, further comprising:  
10 graphic user interface means for executing the computer program product.

38. The system according to Claim 29, further comprising:  
means for providing an accessory file including at least one of 1) a title of the computer program product, 2) a path name of a text editor, 3) a path name of a preview application, and 4) help text about the computer program product.

15 39. The system according to Claim 29, further comprising:  
means for storing the computer program product on the printer.

40. The system according to Claim 29, further comprising:  
means for storing the computer program product on a server which controls a plurality of computers networked to the printer.

20 41. The system according to Claim 29, further comprising:  
means for downloading the computer program product from the Internet.

42. The system according to Claim 29, further comprising:  
means for storing the computer program product on a computer storage medium.

43. A graphical user interface comprising:  
a first parent window including:  
a first display control configured to display a child window listing a plurality of first  
filters having instructions corresponding to a print operation; and  
5 a second display control configured to display a list of second filters.

44. The graphical user interface according to Claim 43, wherein the first parent  
window further includes:  
a third display control configured to activate a help window including help text  
corresponding to a selected filter.

10 45. The graphical user interface according to Claim 43, wherein the first parent  
window further includes:  
a third display control configured to activate a preview application.

46. The graphical user interface according to Claim 43, wherein the first parent  
window further includes:  
15 a third display control configured to activate a text editor.

47. The graphical user interface according to Claim 43, wherein the list of second  
filters comprise a list of last filters selected.

48. The graphical user interface according to Claim 43, wherein the second display  
control displays a list of predetermined filters.

20 49. The graphical user interface according to Claim 43, wherein the plurality of first  
filters is a list of available filters on a designated storage medium.

50. The graphical user interface according to Claim 43, wherein the child window  
further includes:  
a third display control configured to display a list of available filters on a computer

hard drive.

51. The graphical user interface according to Claim 43, wherein the child window further includes:

5 a third display control configured to display a list of available filters on a printer hard drive.

52. The graphical user interface according to Claim 43, wherein the child window further includes:

a third display control configured to display a list of available filters on a server controlling a plurality of computers networked to a printer.

10 53. The graphical user interface according to Claim 43, wherein another child window is displayed prompting a user for parameters corresponding to a selected filter when one of the first and second display controls are selected.

54. The graphical user interface according to Claim 43, further comprising:

15 a companion script file including parameters corresponding to a filter so as to provide filter flexibility.

55. The graphical user interface according to Claim 44, wherein the companion script file includes at least one of the following parameters:

- 1) a title of the filter;
- 2) a name of a text editor to edit the companion script file;
- 20 3) a name of a preview application to preview a result of an executed filter;
- 4) help text; and
- 5) additional parameters configured to provide flexible use of the filter.

56. The graphical user interface according to Claim 43, wherein the first parent window further includes:

25 a third display control configured to display a list of third filters.

57. The graphical user interface according to Claim 56, wherein the list of third filters include a list of all filters available to the user.